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Attorney Docket No. **UM-04241**

PATENT

SAD  
#SB  
7-31-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mark A. Burns et al.  
Serial No.: 09/517,680  
Filed: 03/02/00  
Entitled: Thermal Microvalves

Group No.: 1743  
Examiner: Warden

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated: April 11, 2000

By: Traci E. Light

Traci E. Light

Sir or Madam:

Please insert the following text prior to the "FIELD OF INVENTION" section on page 1 of the application:

**B1**  
--This application was made with government support under HG-01044, HG-01406 and HG-00209 awarded by the National Institutes of Health. The government has certain rights in the invention.--

Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1290. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Dated: April 11, 2000

Peter G. Carroll  
Registration No. 32,837

MEDLEN & CARROLL, LLP  
220 Montgomery Street, Suite 2200  
San Francisco, California 94104  
415.705.8410